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21907 US PT0  
10/622191  
07/18/03

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 31264.054

First Inventor Shantanu Nandi

Title FIBER OPTIC TRANSMISSION CONDUCTOR AND DISTRIBUTED TEMPERATURE SENSING OF FIBER OPTIC TRANSMISSION CONDUCTOR

Express Mail Label No.

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
- Applicant claims small entity status.  
See 37 CFR 1.27.
- Specification [Total Pages 11]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- Drawing(s) (35 U.S.C.113) [Total Sheets 4 ]
- Oath or Declaration [Total Sheets ]  
 a.  Newly executed (original or copy)  
 b.  Copy from a prior application (37 CFR 1.63 (d))  
     (for a continuation/divisional with Box 18 completed)
  - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:**Commissioner for Patents  
Mail Stop Patent Application  
P.O. Box 1450  
Alexandria VA 22313-1450

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATIONS PARTS**

9.  Assignment Papers (cover sheet & document(s))
10.  37 C.F.R. 3.73(b) Statement  Power of (when there is an assignee) Attorney
11.  English Translation Document (if applicable)
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15.  Certified Copy of Priority Document(s) (if foreign priority is claimed)
16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other: **THIS APPLICATION IS BEING FILED WITHOUT DECLARATION AND WITHOUT FILING FEES**

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation     Divisional     Continuation-in-part (CIP)

of prior application No: \_\_\_\_\_ / \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

Customer Number or Bar Code Label 00441 or  Correspondence address below  
(Insert Customer No. or Attach bar code label here)

Name	Smith, Gambrell & Russell				
Address	1850 M Street, N.W. Suite 800				
City	Washington	State	DC	Zip Code	20036
Country	USA	Telephone	(202) 263-4300		Fax (202) 263-4329

Name (Print/Type)	Brandon S. Boss	Registration No. (Attorney/Agent)	46,567
Signature			July 18, 2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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07/18/03

# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 0

Complete if Known	
Application Number	To Be Assigned
Filing Date	July 18, 2003
First Named Inventor	Shantanu Nandi
Examiner Name	To Be Assigned
Art Unit	To Be Assigned
Attorney Docket No.	31264.054

## METHOD OF PAYMENT (check all that apply)

Check  Credit card  Money  Other  None Order

 Deposit Account:

Deposit Account Number

Deposit Account Name  02-4300

The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity
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Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	<input type="text"/>
1002	330	2002	165	Design filing fee	<input type="text"/>
1003	520	2003	260	Plant filing fee	<input type="text"/>
1004	750	2004	375	Reissue filing fee	<input type="text"/>
1005	160	2005	80	Provisional filing fee	<input type="text"/>

SUBTOTAL (1)

(\$ ) 0

## 2. EXTRA CLAIM FEES

Total Claims	<input type="text"/> -20 **	=	<input type="text"/> 0	X <input type="text"/> 18	=	<input type="text"/> 0	Extra Claims	Fee from below	Fee Paid
Independent Claims	<input type="text"/> 2	-3 **	= <input type="text"/> 0	X <input type="text"/> 84	= <input type="text"/> 0	<input type="text"/> 0			
Multiple Dependent				X <input type="text"/>	= <input type="text"/> 0	<input type="text"/> 0			

Large Entity	Small Entity
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Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$ ) 0

\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity	Small Entity
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Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	<input type="text"/>
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	<input type="text"/>
1053	130	1053	130	Non-English specification	<input type="text"/>
1812	2,520	1812	2,520	For filing a request for reexamination	<input type="text"/>
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	<input type="text"/>
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	<input type="text"/>
1251	110	2251	55	Extension for reply within first month	<input type="text"/>
1252	410	2252	205	Extension for reply within second month	<input type="text"/>
1253	930	2253	465	Extension for reply within third month	<input type="text"/>
1254	1,450	2254	725	Extension for reply within fourth month	<input type="text"/>
1255	1,970	2255	985	Extension for reply within fifth month	<input type="text"/>
1401	320	2401	160	Notice of Appeal	<input type="text"/>
1402	320	2402	160	Filing a brief in support of an appeal	<input type="text"/>
1403	280	2403	140	Request for oral hearing	<input type="text"/>
1451	1,510	1451	1,510	Petition to institute a public use proceeding	<input type="text"/>
1452	110	2452	55	Petition to revive – unavoidable	<input type="text"/>
1453	1,300	2453	650	Petition to revive – unintentional	<input type="text"/>
1501	1,300	2501	650	Utility issue fee (or reissue)	<input type="text"/>
1502	470	2502	235	Design issue fee	<input type="text"/>
1503	630	2503	315	Plant issue fee	<input type="text"/>
1460	130	1460	130	Petitions to the Commissioner	<input type="text"/>
1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	<input type="text"/>
1806	180	1806	180	Submission of Information Disclosure Stmt	<input type="text"/>
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	<input type="text"/>
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	<input type="text"/>
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	<input type="text"/>
1801	750	2801	375	Request for Continued Examination (RCE)	<input type="text"/>
1802	900	1802	900	Request for expedited examination of a design application	<input type="text"/>

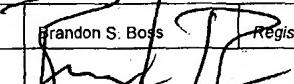
Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ ) 0

## SUBMITTED BY

Name (Print/Type)	Brandon S. Boss	Registration No. Attorney/Agent)	46,567	Telephone	(202) 263-4300
Signature			Date	July 18, 2003	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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